

Serial No.: 10/651,444  
Inventor(s): Royer et al.

U.S. PTO Customer No. 25280  
Case No.: 5680

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Royer et al.  
Serial Number: 10/651,444  
Filed: August 30, 2003  
For: MAR 19 2004  
Group: 1774  
Examiner: Not Assigned Yet

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Applicant hereby submits this Information Disclosure Statement filed according to the provisions of 37 CFR §1.97 and §1.98. Enclosed herewith is Form PTO-1449 (Modified) which lists various references (copies enclosed) submitted by Applicant for consideration.

References for which copies already have been provided in a previous parent application to which this application claims priority pursuant to 37 CFR §1.98 (d) need not be submitted, and are indicated by an asterisk. Copies of US patent references also are not enclosed, due to the rule change regarding submitting US patent references.

The Examiner is requested to review each of the references, indicate that the references were reviewed by initialing and returning a copy of the initialed Form to Applicant.

This information disclosure statement is being submitted within three months of the filing date of the application, within three months of the date of entry of the national stage, in connection with a newly filed RCE, or prior to the mailing date of a first Office Action on the merits.

**Certificate of Mailing Under 37 CFR § 1.8**

I hereby certify that this correspondence, and all correspondence referenced herein as being enclosed with this correspondence, is being deposited with the United States Postal Service in an envelope addressed to "Commissioner for Patents, PO Box 1450, Alexandria VA 22313-1450" with sufficient postage on the following

date: March 16, 2004

Signature: Kerry A. Lawster

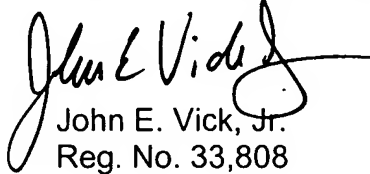
Name: Kerry A. Lawster

Serial No.: 10/651,444  
Inventor(s): Royer et al.

U.S. PTO Customer No. 25280  
Case No.: 5680

However, even if none of the three conditions above apply, the Examiner is requested to consider this Information Disclosure Statement under 37 CFR §1.97(c)(2) and the Commissioner is hereby authorized to withdraw the fee set forth in 37 CFR §1.17(p) from Deposit Account 04-0500.

Respectfully Submitted,



John E. Vick, Jr.  
Reg. No. 33,808

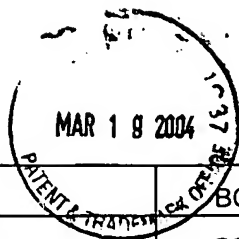
MILLIKEN & COMPANY  
920 Milliken Road, M-495  
Spartanburg, SC 29303  
(864) 503-1383



Form PTO-1449 (Modified) <b>INFORMATION DISCLOSURE STATEMENT IN A PATENT APPLICATION</b>  Sheet <u>1</u> of <u>3</u>	Serial No.: 10/651,444	Filing Date: August 30, 2003
	Inventor(s): Royer et al.	
	Group Art Unit: 1774	Examiner: Unknown
	US PTO Customer No: 25280	Case No.: 5680

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	IDENTIFIER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS
	AA	5,231,126	7-27-93	Shi et al	524	296
	AB	5,512,357	4-30-96	Shimura et al.	428	283
	AC	5,753,736	5/19/88	Bhat	524	287
	AD	6,135,987	10/24/00	Tsai et al.	604	365
	AE	6,162,887	12/19/00	Yamada et al.	526	351
	AF	6,210,802	4-3-01	Risch et al.	428	398
	AG	6,218,011	4/17/01	Raetzsch et al.	428	394
	AH	6,231,976	5-15-01	Dean et al.	428	373
	AI	6,238,615	5-29-01	Kobayashi et al.	264	537
	AJ	6,261,677	7-17-01	Tsai et al.	428	221
	AK	6,284,370	7-4-01	Fujimoto et al.	428	221
	AL	6,300,415	10-9-01	Okayama et al.	525	191
	AM	2001/0040320	11-15-01	Kobayashi et al.	264	537
	AN	2001/0048179	12-6-01	Stewart et al.	264	211
	AO	2002/0002241	1-3-02	Raetzsch et al.	123	556
	AP	4,463,113	7/31/84	NaKahara et al.	524	117
	AQ	5,049,605	9/17/91	Rekers	524	108
	AR	5,342,868	8/30/94	Kimura et al.	524	108
	AS	5,798,167	8/25/98	Connor et al.	428	171
	AT	5,811,045	9/22/98	Pike	264	168
	AU	6,102,999	8/15/00	Cobb, III et al.	106	243
	AV	6,127,470	10/3/00	Cobb, III et al.	524	367
	AW	6,270,608	8/7/01	Vair, Jr. et al.	156	176
	AX	6,207,600	3/2001	Nakajima et al.	442	311
	AY	5,945,211	8/99	Bersted et al.	428	364
	AZ	6,127,440	10/3/00	Sanyasi et al.	521	74
	BA	6,541,554	4/1/03	Morin et al.	524	387
	BB	4,560,734	12/24/85	Fujishita et al.	526	142



	BC	6,203,881	3/20/01	Higgins	428	95
	BD	6,468,623	11/22/02	Higgins	428	95
	BE	5,945,215	9/12/97	Bersted et al.	428	364
	BF	6,559,216	5/03	Zhao et al.	524	336
	BG	4,522,857	6/11/85	Higgins	428	95
	BH	5,540,968	7/30/96	Higgins	428	95
	BI	5,545,276	8/13/96	Higgins	156	79
	BJ	5,948,500	9/7/99	Higgins	428	95
	BK	4,171,395	10/16/79	Tollotson	428	95
	BL	4,132,817	1/2/79	Tillotson	427	244
	BM	4,512,831	4/23/85	Tillotson	156	78
	BN	4,116,626	9/26/78	Varner	4	149
	BO	5,136,520	8/4/92	Cox	364	470
	BP	5,208,592	5-4-93	Johnson, Jr.	341	63
	BQ	6,534,574	3/03	Zhao et al.	524	284
	BR	6,559,211	5/03	Zhao et al.	524	285
	BS	6,656,404	12/03	Morin	264	210.5
	BT	6,110,588	8/29/00	Perez et al.	428	359
	BU	6,420,024	7/16/02	Perez et al.	428	359
	BV	6,358,450	3/19/02	Sun	264	178
	BW	5,912,292	6/15/99	Sun	524	301
Examiner:				Date Considered:		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)  <b>INFORMATION DISCLOSURE STATEMENT IN A PATENT APPLICATION</b>		Serial No.: 10/651,444	Filing Date: August 30, 2003
Sheet <u>2</u> of <u>3</u>		Inventor(s): Royer et al.	
		Group Art Unit: 1774	Examiner: Unknown
		US PTO Customer No: 25280	Case No.: 5680
<b>OTHER DOCUMENTS</b>			
<b>EXAMINER INITIALS</b>	<b>IDENTIFIER</b>	<b>INCLUDE: AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.</b>	
	BX	Patent abstracts of Japan; publication number 11-061554; date of publication of application 05.03.1999; Highly heat-resistant polypropylene fiber; English translation	
	BY	Patent abstracts of Japan; publication number 11-181619; date of publication of application 06.07.1999; Highly heat-resistant polypropylene fiber and fiber-reinforced cement molded product using the same; English translation	
	BZ	Patent abstracts of Japan; publication number 2001-081628; date of publication 27.03.2001; Flat yarn for base cloth of needle-punched carpet; English translation	
	CA	Patent abstracts of Japan; publication number 2002-302825; date of publication 18.10.2002; Highly-resistant polypropylene fibers; English translation	
	CB	Article; Journal of applied polymer science, vol. 62, 1965-1975 (1996) John Wiley & Sons, Inc.; Spruiell et al.	
	CD	Article; The effects of pigments on the development of structure and properties of polypropylene filaments; Antec '91; Lin et al.	
	CE	Article; The role of crystallization kinetics in the development of the structure and properties of polypropylene filaments; © 1993 John Wiley & Sons, Inc.; CCC 0021-8995/93/040623-9	
	CF	Article; Study on the formation of b-crystalline from isotactic polypropylene fiber; fiber and films, Intern. Polymer Processing VI, 1991; Chen et al.	
	CG	Article; Heterogeneous Nucleation of Polypropylene and Polypropylene Fibers; Marcincin et al.; 1994	
Examiner:		Date Considered:	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

